

CLAIMS

*Sub.
A1*

1. Improved efficiency impact absorption device (10, 10'), of the type comprising a honeycomb (20), where the above-mentioned honeycomb (20) features a 5 number of ribs (11) that define respective outlets (12), having a preferably hexagonal section, terminating in holes (13), in the lower part of the honeycomb (20), the above-mentioned honeycomb (20) being injection-moulded in plastic, characterised in 10 that the above-mentioned plastic can be plastic resin derived from polycarbonate or rubber-filled polypropylene.

2. Device (10, 10'), as in claim 1, characterised in that the above-mentioned plastic 15 resin derived from polycarbonate is Xenoy®.

3. Device (10, 10'), as in claim 1 or 2, characterised in that the above-mentioned honeycomb features a taper at at least one of its longitudinal ends.

20 4. Device (10, 10'), as in claim 1, characterised in that it is combined with a deformation containment element wrapped around the above-mentioned tapered end.

5. Device (10, 10'), as in claim 4, 25 characterised in that the above-mentioned containment element is made of high resistance material, preferably

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Cont*

steel.

6. Device (10, 10'), as in claim 4 or 5,
characterised in that the above-mentioned containment
element is made integral with the related honeycomb
5 (20).

7. Device (10, 10'), as in claim 4,
characterised in that the above-mentioned containment
element is obtained directly on the vehicle.

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a2*